

Analysis_Duration_Units

Code	Definition
DAYs	Counts per day
HOURs	Counts per hour
MIN	Counts per minutes

Analysis_Type

Code	Definition
DL	Dilution of the original sample
SA	Sample Analysis
RE	Reanalysis of a sample

Analyte_ID

CAS	Code	Description
	10-09-3	Total Volatile Organics
	10-12-8	Plutonium-239/240
	10-15-1	Total Solids
	10-17-3	Total Dissolved Solids
	10-19-5	Total Organic Carbon (TOC)
	10-29-7	pH(Hydrogen Ion)
	10-34-4	Specific Conductance (Conductivity)
	10-59-3	Heterotrophic Plate Count
	10-61-7	Turbidity
	10-67-3	Toluene Diisocyanate
	10-87-7	Cyanide, Amenable to Chlorination
x	100-01-6	4-Nitroaniline
x	100-02-7	4-Nitrophenol
x	100-21-0	Terephthalic Acid
x	100-25-4	1,4-Dinitrobenzene
x	100-41-4	Ethylbenzene
x	100-42-5	Styrene
x	100-44-7	Benzyl Chloride
x	100-51-6	Benzyl alcohol
x	100-52-7	Benzaldehyde
x	100-75-4	n-Nitrosopiperidine
x	1002-84-2	Pentadecanoic acid
x	10024-97-2	Nitrogen oxide
x	10028-17-8	Tritium (Hydrogen 3)
x	10035-10-6	Hydrobromic Acid
x	10042-59-8	2P1HOL 2-Propyl-1-heptanol
x	10043-66-0	Iodine-I31
x	10043-92-2	222Rn
x	10045-97-3	Cesium-137
x	10061-01-5	cis-1,3-Dichloropropene
x	10061-02-6	trans-1,3-Dichloropropene
x	10098-91-6	Yttrium-90
x	10098-97-2	Strontium-90
x	101-05-3	Anilazine
x	101-14-4	4,4'-Methylenebis(2-chloraniline)
x	101-21-3	Chloroprophan
x	101-27-9	Barban
x	101-42-8	Fenuron
x	101-55-3	4-Bromophenyl phenyl ether
x	101-61-1	4,4'-Methylenebis (N,N-dimethylaniline)
x	101-80-4	4,4'-Oxydianiline
x	10198-40-0	Cobalt-60
x	1024-57-3	Heptachlor Epoxide
x	103-09-3	2-Ethylhexyl Acetate
x	103-23-1	Di (2-ethylhexyl) adipate
x	103-33-3	Azobenzene
x	103-65-1	n-Propylbenzene
x	103-69-5	Ethyl aniline
x	103-82-2	BACOH Benzeneacetic acid

x	1031-07-8	Endosulfan sulfate
x	104-51-8	n-Butylbenzene
x	104-76-7	1-Hexanol, 2-ethyl-
x	105-60-2	CAPROLACTAM
x	105-67-9	2,4-Dimethylphenol
x	1052-70-0	Sulfide (as H ₂ S)
x	10544-50-0	OCTATHIO Octathiocane
x	10595-95-6	n-Nitrosomethylethylamine
x	106-35-4	3-Heptanone
x	106-39-8	4-Bromochlorobenzene
x	106-42-3	p-Xylene
x	106-43-4	4-Chlorotoluene
x	106-44-5	4-Methylphenol (p-Cresol)
x	106-46-7	1,4-Dichlorobenzene
x	106-47-8	4-Chloroaniline
x	106-50-3	1,4-Phenylenediamine
x	106-51-4	p-Benzoquinone
x	106-62-7	22HPID 2-(2-Hydroxypropoxy)-1-propano
x	106-89-8	CIMeOxiran (Chloromethyl)oxirane
x	106-93-4	1,2-Dibromoethane
x	106-97-8	Butane Butane
x	106-99-0	1,3-Butadiene
x	1066-40-6	Silanol, Trimethyl-
x	1067-29-4	Tripropyltin
x	107-02-8	Acrolein
x	107-05-1	Allyl chloride
x	107-06-2	1,2-Dichloroethane
x	107-07-3	2-Chloroethanol
x	107-10-8	n-Propylamine
x	107-12-0	Propionitrile
x	107-13-1	Acrylonitrile
x	107-14-2	Chloroacetonitrile
x	107-18-6	2-Propenol
x	107-19-7	PPGLOH Propargyl alcohol
x	107-20-0	Chloroacetaldehyde
x	107-21-1	Ethylene glycol
x	107-30-2	Chloromethyl methyl ether
x	107-41-5	MPDIOL 2-Methyl-2,4-pentanediol
x	107-49-3	Tetraethyl Pyrophosphate
x	107-83-5	Pentane, 2-methyl-
x	107-86-8	3-Methyl-2-butenal
x	107-87-9	2-Pentanone
x	107-92-6	Butanoic acid
x	1071-83-6	Glyphosate
x	1072-05-5	26DMHA 2,6-Dimethylheptane
x	1074-17-5	1-Methyl-2-n-propylbenzene
x	1074-43-7	1-Methyl-3-Propylbenzene
x	1076-43-3	Benzene-d6
x	108-05-4	Vinyl Acetate
x	108-08-7	24MePantan 2,4-Dimethylpentane
x	108-10-1	4-Methyl-2-pentanone

x	108-11-2	Methyl Isobutyl Carbinol
x	108-20-3	DIISOE Diisopropyl ether
x	108-21-4	Isopropyl Acetate
x	108-38-3	m-Xylene
x	108-39-4	3-Methylphenol
x	108-41-8	BENZENE, 1-CHLORO-3-METHYL-
x	108-46-3	Resorcinol
x	108-60-1	bis(2-Chloroisopropyl)ether
x	108-67-8	1,3,5-Trimethylbenzene
x	108-70-3	1,3,5-Trichlorobenzen
x	108-83-8	Diisobutyl Keytone (2,6-dimethyl 1-4-heptone)
x	108-84-9	4-Methyl-2-pentyl acetate
x	108-86-1	Bromobenzene
x	108-87-2	Cyclohexane, methyl-
x	108-88-3	Toluene
x	108-90-7	Chlorobenzene
x	108-93-0	CyHexanol Cyclohexanol
x	108-94-1	Cyclohexanone
x	108-94-1	CyHexanone Cyclohexanone
x	108-95-2	Phenol
x	108-98-5	Thiophenol (Benzenthiol)
x	108-99-6	3-Picoline 3-Methylpyridine
x	109-06-8	2-Picoline
x	109-60-4	PROPYAC Propyl acetate
x	109-66-0	Pentane Pentane
x	109-69-3	1-Chlorobutane
x	109-77-3	Malononitrile
x	109-87-5	Methylal Dimethoxymethane
x	109-99-9	Tetrahydrofuran
	11-08-5	Uranium-233/234
	11-09-6	Uranium
	11-10-9	89/90Sr
x	110-12-3	5Me2Hexano 5-Methyl-2-hexanone
x	110-16-7	Maleic anhydride
x	110-19-0	Isobutyl Acetate
x	110-43-0	2-Heptanone
x	110-49-6	2MOXEACE 2-Methoxyethanol acetate
x	110-54-3	Hexane
x	110-56-5	1,4-Dichlorobutane
x	110-57-6	trans-1,4-Dichloro-2-butene
x	110-75-8	2-Chloroethyl vinyl ether
x	110-80-5	2-Ethoxyethanol
x	110-82-7	Cyclohexane
x	110-83-8	CyHexene Cyclohexene
x	110-86-1	Pyridine
x	11096-82-5	PCB-1260 (Aroclor 1260)
x	11097-69-1	PCB-1254 (Aroclor 1254)
x	111-01-3	Squalane
x	111-06-8	Hexadecanoic acid, butyl ester
x	111-14-8	HEPAACID Heptanoic acid
x	111-15-9	2EOXYEACE 2-Ethoxyethanol acetate

x	111-27-3	1-hexanol
x	111-44-4	bis-(2-Chloroethyl)ether
x	111-46-6	Diethylene glycol
x	111-48-8	Thiodiglycol
x	111-65-9	n-Octane
x	111-70-6	n-Heptyl Alcohol
x	111-76-2	2-Butoxy-ethanol
x	111-77-2	2-(2-Methoxyethoxy) ethanol
x	111-84-2	Nonane
x	111-90-0	2-(2-Ethoxyethoxy)ethanol
x	111-91-1	bis-(2-chloroethoxy)methane
x	11100-14-4	PCB 1268
x	11104-28-2	PCB-1221 (Aroclor 1221)
x	1112-39-6	Dimethoxydimethyl-silane
x	1114-71-2	Pebulate
x	11141-16-5	PCB-1232 (Aroclor 1232)
x	112-27-6	Triethylene glycol
x	112-30-1	1-DECANOL
x	112-31-2	DECANAL
x	112-34-5	Butyl Carbitol
x	112-37-8	Undecanoic acid
x	112-39-0	Methyl hexadecanoate
x	112-40-3	Dodecane
x	112-60-7	ETHANOL, 2,2'-[OXYBIS(2,1-ETHANEDIY
x	112-62-9	(Z)-9-octadecenoic acid methyl ester
x	112-63-0	Methyl linoleate
x	112-70-9	1-TRIDECANOL (TIC)
x	112-73-2	BIS2BEE Bis(2-butoxyethyl) ether
x	112-80-1	Oleic Acid 9-Octadecenoic acid
x	112-85-6	Docosanoic acid
x	112-88-9	1-Octadecene
x	112-95-8	Eicosane
x	1120-21-4	Undecane
x	1127-76-0	1-Ethylnaphthalene
x	114-26-1	Propoxur
x	1146-65-2	Naphthalene-d8
x	115-07-1	Propylene
x	115-11-7	1-Propene, 2-methyl-
x	115-29-7	Endosulfan (mixed isomers)
x	115-86-6	Triphenyl Phosphate
x	115-90-2	Fensulfothion
x	115-96-8	Tri(2-chloroethyl)phosphate
x	116-06-3	Aldicarb
x	117-79-3	2-Aminoanthraquinone
x	117-80-6	Dichlone
x	117-81-7	bis-(2-ethylhexyl)phthalate
x	117-84-0	Di-n-octyl phthalate
x	118-74-1	Hexachlorobenzene
x	118-79-6	2,4,6-Tribromophenol
x	118-96-7	2,4,6-Trinitrotoluene
x	119-33-5	4Me ₂ NO ₂ Phe 4-Methyl-2-nitrophenol

x	119-64-2	Naphthalene, 1,2,3,4-Tetrahydro-
x	119-90-4	3,3'-Dimethoxybenzidine
x	119-93-7	3,3'-Dimethylbenzidine
x	1191-96-4	ECP Ethylcyclopropane
x	120-07-0	N,Phenyldiethanolamine
x	120-12-7	Anthracene
x	120-36-5	Dichlorprop
x	120-58-1	Isosafrole
x	120-62-7	Piperonyl Sulfoxide
x	120-71-8	p-Cresidine
x	120-82-1	1,2,4-Trichlorobenzene
x	120-83-2	2,4-Dichlorophenol
x	12001-28-4	Crocidolite Asbestos
x	12001-29-5	Chrysotile
x	12002-48-1	Trichlorobenzene
x	121-14-2	2,4-Dinitrotoluene
x	121-43-7	Boric Acid, Trimethyl Ester
x	121-46-0	Bicyclo[2.2.1]hepta-2,5-diene
x	121-69-7	N,N-Dimethylaniline
x	121-75-5	Malathion
x	121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine
x	12172-73-5	Amosite
x	122-09-8	alpha,alpha-Dimethylphenethylamine
x	122-34-9	Simazine
x	122-39-4	Diphenylamine
x	122-42-9	Propham
x	122-66-7	1,2-Diphenylhydrazine
x	123-05-7	2-Ethylhexyl Aldehyde
x	123-09-1	p-Chloromethyl sulfide
x	123-28-4	Propanoic acid, 3,3'-thiobis-, didodecyl
x	123-31-9	Hydroquinone\1,4-Benzenediol
x	123-38-6	Propanal
x	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-
x	123-54-6	24PIONE 2,4-Pentanedione
x	123-63-7	Paraldehyde
x	123-72-8	Butanal
x	123-73-9	Crotonaldehyde
x	123-79-5	bis(2-ethylhexyl)adipate
x	123-86-4	n-Butyl acetate
x	123-91-1	1,4-Dioxane
x	123-92-2	Isoamyl Acetate
x	123-95-5	Octadecanoic acid, butyl ester
x	124-07-2	HOOctanoic Octanoic acid
x	124-11-8	1-Nonene
x	124-17-4	ETHANOL,2-(2-BUTOXYETHOXY)-,ACETA
x	124-18-5	Decane
x	124-19-6	NONANAL (TIC)
x	124-38-9	Carbon Dioxide
x	124-48-1	Dibromochloromethane
x	1241-94-7	2EHP 2-Ethylhexyl phosphate
x	12587-46-1	Gross Alpha

x	12587-47-2	Gross Beta
x	126-68-1	o,o,o-Triethyl Phosphorothioate
x	126-72-7	Tris(2,3-dibromopropyl)phosphate
x	126-73-8	Tributyl phosphate
x	126-75-0	Demeton-S
x	126-9-7	Methacrylonitrile
x	126-98-7	Methyl acrylonitrile
x	126-99-8	2-Chloro-1,3-butadiene (Chloroprene)
x	12672-29-6	PCB-1248 (Aroclor 1248)
x	12674-11-2	PCB-1016 (Aroclor 1016)
x	127-18-4	Tetrachloroethene
x	127-25-3	Methyl abietate
x	12789-03-6	Chlordene Chlordene
x	128-37-0	Butylated Hydroxytoluene
x	128-39-2	BDMEP 2,6-Bis(1,1-dimethylethyl)phen
x	129-00-0	Pyrene
	13-14-9	Uranium, Total
	13-32-1	Total Halogens
x	130-15-4	1,4-Naphthoquinone
x	13049-35-9	22DEBP 2,2-Diethyl-1,1-biphenyl
x	13071-79-9	Terbufos
x	131-11-3	Dimethyl phthalate
x	131-89-5	2-Cyclohexyl-4,6-dinitrophenol
x	13127-88-3	Phenol-d6
x	13151-34-3	DECANE, 3-METHYL- (TIC)
x	13171-21-6	Phosphamidon
x	1319-77-3	Cresols (Methyl Phenols)
x	13194-48-4	Ethoprop
x	132-32-1	3-Amino-9-ethylcarbazole
x	132-64-9	Dibenzofuran
x	132-65-0	Dibenzothiophene
x	13233-32-4	Radium-224
x	133-06-2	Captan
x	1330-20-7	Xylenes
x	1330-96-7	1,2-Benzenedicarboxylic Acid, Isodecyl O
x	1332-21-4	Ascarite includes Asbestos
x	1333-74-0	Hydrogen, H2
x	1336-36-3	PCB Polychlorinated biphenyl
x	134-32-7	1-Naphthylamine
x	134-62-3	DEET N,N-Diethyl-3-methyl-benzamide
x	13427-43-5	1-Hexene, 3,3,5-trimethyl-
x	13494-80-9	Te Tellurium
x	135-01-3	12DEB 1,2-Diethylbenzene
x	135-98-8	sec-Butylbenzene
	136777-61-2	Xylene, Isomers m & p
x	137-17-7	2,4,5-Trimethylaniline
x	137-30-4	Ziram
x	138-86-3	Limonene
x	13966-00-2	Potassium-40
x	13966-02-4	Beryllium 7
x	13966-06-8	Tin-113

x	13966-29-5	Uranium-234
x	13966-31-9	Manganese-54
x	13966-32-0	Sodium 22
x	13967-48-1	Ruthenium-106
x	13967-63-0	Scandium 46
x	13967-70-9	Cesium-134
x	13967-71-0	Zirconium-95
x	13967-73-2	Strontium 85
x	13967-74-3	Cerium 141
x	13967-76-5	Niobium-95
x	13968-53-1	Ruthenium-103
x	13968-55-3	Uranium 233 by mass measurement
x	13968-59-7	Neptunium-239
x	13981-14-1	Protactinium-233
x	13981-15-2	Curium 244
x	13981-16-3	Plutonium-238
x	13981-17-4	Californium-252
x	13981-28-7	Lanthanum-140
x	13981-37-8	Nickel-63
x	13981-38-9	Cobalt-58
x	13981-41-4	Barium-133
x	13981-43-6	Chlorine-36
x	13981-50-5	Cobalt 57
x	13981-52-7	Polonium-210
x	13981-53-8	Radium 225
x	13981-54-9	Americium-242
x	13982-00-8	Tantalum-182
x	13982-04-2	Sodium-24
x	13982-10-0	Plutonium 242
x	13982-30-4	Ce-139 Cerium-139
x	13982-36-0	Yttrium-88
x	13982-39-3	Zinc-65
x	13982-63-3	Radium-226
x	13982-70-2	Uranium 236 by gamma spec
x	13982-78-0	Mercury 203
x	13983-27-2	Krypton-85
x	13994-20-2	Neptunium-237
	14-09-5	Xylene, Isomers o & p
	14-54-0	Temperature
	14-56-2	Surfactants
x	140-57-8	Aramite
x	140-88-5	Ethyl acrylate
x	14093-03-9	Cobalt-56
x	141-66-2	Dicrotophos
x	141-78-6	Ethyl acetate
x	141-79-7	4-Methyl-3-penten-2-one
x	14109-32-1	Cadmium 109
x	14119-05-2	Praseodymium-144
x	14119-15-4	Molybdenum-99
x	14119-32-5	Plutonium-241
x	14119-33-6	Plutonium-240

x	14119-34-7	Plutonium-244
x	14133-76-7	Technetium-99
x	14158-27-1	Strontium 89
x	14158-29-3	Uranium 232
x	14158-31-7	Iodine 125
x	14167-59-0	Tetratriacontane
x	142-28-9	1,3-Dichloropropane
x	142-82-5	Heptane
x	142-96-1	N-BUTYL ETHER (TIC)
x	14234-24-3	Yttrium-91
x	14234-28-7	Tellurium-132
x	14234-34-5	Rhodium 106
x	14234-35-6	Antimony-125
x	14255-04-0	Lead-210
x	14265-44-2	Phosphorus, Total Orthophosphate (as PO4)
x	14265-45-3	Sulfite
x	14265-71-5	Selenium 75
x	14265-85-1	Actinium-225
x	14269-63-7	Thorium 230
x	14269-71-7	Tellurium-129m
x	14269-74-0	Neodymium-147
x	14269-75-1	Uranium-237
x	14274-82-9	Thorium 228
x	14276-65-4	Gadolinium-153
x	14280-30-9	Hydroxide
x	143-07-7	Dodecanoic acid
x	143-08-8	Nonyl Alcohol
x	143-22-6	2-(2-(2-Butoxyethoxy)ethoxy)et
x	143-24-8	Tetraethylene Glycol
x	143-50-0	Kepone
x	1430-97-3	9H-Fluorene, 2-methyl-
x	14304-80-4	Tellurium-123
x	14314-35-3	Tin-119m
x	14331-79-4	Bismuth-210
x	14331-83-0	Actinium-228
x	14331-85-2	Protactinium-231
x	14336-68-6	Cadmium-115m
x	14336-70-0	Nickel-59
x	14374-79-9	Antimony-122
x	14380-75-7	Promethium-147
x	14391-16-3	Europium-155
x	14391-76-5	Silver-110m
x	14392-02-0	Chromium 51
x	144-49-0	Fluoroacetic acid
x	145-73-3	Endothal
x	1454-85-9	1-HEPTADECANOL
x	14596-10-2	Americium-241
x	14596-12-4	Iron 59
x	14596-37-3	Phosphorus 32
x	1461-25-2	Tetrabutyltin
x	1464-53-5	1,2,3,4-Diepoxybutane

x	14681-52-8	Manganese-56
x	14681-59-5	Iron-55
x	14681-63-1	Niobium-94
x	14683-10-4	Antimony 124
x	14683-11-5	Xenon-131m
x	14683-16-0	Iodine-132
x	14683-23-9	Europium-152
x	14694-69-0	Iridium-192
x	14733-03-0	Bismuth-214
x	1476-11-5	cis-1,4-Dichloro-2-Butene
x	14762-75-5	Carbon-14
x	14762-78-8	Cerium-144
x	14797-55-8	Nitrate (as NO ₃)
x	14797-65-0	Nitrite (as N)
x	14798-08-4	Barium-140
x	14808-79-8	Sulfate
x	14834-67-4	Iodine-133
x	14834-73-2	Promethium-144
x	14834-74-3	Promethium-146
x	14859-67-7	Radon 222
x	14898-79-4	R-(<i>-</i>)-sec-Butanol
x	149-57-5	2EHOIC 2-Ethylhexanoic acid
x	1490-04-6	5-Methyl-2-(1-methylethyl)-cyclohexanol
x	14913-49-6	Bismuth 212
x	14913-50-9	Thallium 208
x	14932-40-2	Thorium 231
x	14932-42-4	Xenon-133 Xenon-133
x	14952-40-0	Actinium-227
x	14993-75-0	Americium 243
x	150-50-5	Merphos
x	150-68-5	Monuron
x	150-86-7	Phytol
x	15046-84-1	Iodine-129
x	15065-10-8	Thorium 234
x	15067-26-2	Acenaphthene-d10
x	15067-28-4	Lead-214
x	15092-94-1	Lead 212
x	15100-28-4	Protactinium-234
x	15117-48-3	Plutonium 239
x	15117-53-0	Sulfur-35
x	15117-96-1	Uranium-235
x	1517-22-2	C14H10-d10 Phenanthrene-d10
x	152-16-9	Octamethyl Pyrophosphoramide
x	1520-96-3	Perylene-d12
x	15237-97-5	Californium-249
x	15262-20-1	Radium-228
x	15411-92-4	Plutonium 236
x	15510-73-3	Curium 242
x	15541-45-4	Bromate
x	15575-20-9	Arsenic-76
x	15585-10-1	Europium-154

x	15594-54-4	Thorium 229
x	156-59-2	cis-1,2-Dichloroethene
x	156-60-5	trans-1,2-Dichloroethene
x	1560-96-9	TRIDECANE, 2-METHYL-
x	1561-86-0	2-Chlorocyclohexanol
x	15621-76-8	Curium-245
x	15623-45-7	Radium-223
x	15623-47-9	Thorium 227
x	1563-66-2	Carbofuran
x	1570-64-5	4-Chloro-2-methylphenol
x	15706-44-2	Promethium-145
x	15715-08-9	Iodine-123
x	15726-30-4	Cesium-135
x	15756-32-8	Antimony-126
x	15756-77-1	Germanium-68
x	15756-98-6	Francium-223
x	15757-87-6	Curium-243
x	15757-90-1	Curium-246
x	15758-32-4	Curium-247
x	15758-33-5	Curium-248
x	15760-04-0	Silver-111
x	15816-77-0	Lead-211
x	1582-09-8	Trifluralin
x	15832-50-5	Tin-126
x	15840-03-6	Einsteinium-254
x	15869-94-0	3,6-DIMETHYLOCTANE
x	1587-04-8	1-Methyl-2-(2-propenyl)-benzene
x	15972-60-8	Alachlor
x	1610-18-0	Prometon
x	1634-04-4	Tert-butyl methyl ether
x	1646-87-3	Aldicarb sulfoxide
x	1646-88-4	Aldicarb sulfone
x	16536-57-5	BCHEXOL cis-2-Bromocyclohexanol
x	16538-93-5	Cyclooctane, butyl-
x	16605-91-7	2,3-Dichlorobiphenyl
x	16606-02-3	2,4,5,-Trichlorobiphenyl
x	16655-82-6	3-Hydroxycarbofuran
x	16747-32-3	3-Ethyl-2,2-dimethylpentane
x	16752-77-5	Methomyl
x	1678-91-7	Etchexane Ethylcyclohexane
x	1678-92-8	Cyclohexane, propyl-
x	1678-93-9	CYCLOHEXANE, BUTYL- (TIC)
x	16887-00-6	Chloride
x	1689-84-5	Bromoxynil
x	16984-48-8	Fluoride
x	1705-85-7	6-Methylchrysene
x	17056-36-9	Rubidium 83
x	17060-07-0	1,2-Dichloroethane-d4
x	1718-51-0	p-terphenyl-d14
x	1719-03-5	Pentadecane, 2,6,10,14-tetramethyl-
x	17301-23-4	26DMUD 2,6-Dimethylundecane

x	17301-27-8	Undecane, 1,10-dimethyl-
x	17312-81-1	Undecane, 3,5-dimethyl-
x	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin
x	1770-80-5	Dibutylchlorendate
x	17851-53-5	BMPP Butyl 2-methylpropyl phthalate
x	1836-75-5	Nitrofen
x	1839-63-0	135MeCyHex 1,3,5-Trimethylcyclohexane
x	18435-45-5	1-NONADECENE
x	18496-25-8	Sulfide
x	18540-29-9	Chromium, Hexavalent
x	1868-53-7	Dibromofluoromethane
x	1888-71-7	Hexachloropropene
x	189-55-9	Dibenzo(a,i)pyrene
x	189-64-0	Dibenzo(a,h)pyrene
x	19044-88-3	Oryzalin
x	191-24-2	Benzo(g,h,i)perylene
x	1912-24-9	Atrazine
x	1918-00-9	Dicamba
x	1918-02-1	Picloram
x	1918-16-7	Propachlor
x	192-65-4	Dibenzo(a,e)pyrene
x	192-97-2	Benzo(e)pyrene
x	1929-77-7	Vernolate
x	193-39-5	Indeno(1,2,3-cd)pyrene
x	194-59-2	7H-Dibenzo(c,g)carbazole
x	19406-51-0	4-Amino-2,6-dinitrotoluene
x	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
x	19719-28-9	2,4-Dichlorophenylacetic acid
x	198-55-0	Perylene
x	1982-49-6	Siduron
x	2008-41-5	Butylate
x	2027-17-0	2-Isopropylnaphthalene
x	203-64-5	4H-Cyclopenta(def)phenanthrene
x	2032-65-7	Methiocarb
x	2037-26-5	Deuterated Toluene
x	2049-95-8	Benzene, (1,1-Dimethylpropyl)-
x	205-82-3	Benzo(j)fluoranthene
x	205-99-2	Benzo(b)fluoranthene
x	2050-24-0	Benzene, 1,3-diethyl-5-methyl-
x	2051-24-3	Decachlorobiphenyl
x	2051-30-1	2,6-Dimethyloctane
x	2051-60-7	2-Chlorobiphenyl
x	206-44-0	Fluoranthene
x	207-08-9	Benzo(k)fluoranthene
x	208-96-8	Acenaphthylene
x	2082-60-0	2-Nitrotoluene and 4-Nitrotoluene (Total)
x	2088-07-5	1-Penten-3-ol, 2-methyl-
x	2091-29-4	9HDA 9-Hexadecenoic acid
x	2104-64-5	EPN
x	21087-64-9	Metribuzin
x	2131-42-2	Naphthalene, 1,4,6-trimethyl-

x	21609-90-5	Leptophos
x	2164-17-2	Fluometuron
x	217-59-4	Triphenylene
x	218-01-9	Chrysene
x	2199-69-1	1,2-Dichlorobenzene-d4
x	2207-03-6	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS- (TIC)
x	2207-04-7	Cyclohexane, 1,4-dimethyl-, trans-
x	2212-67-1	Molinate
x	2213-23-2	24DMHP 2,4-Dimethylheptane
x	2216-30-0	2,5-Dimethylheptane
x	2216-33-3	Octane, 3-methyl-
x	2216-34-4	4MeOctane 4-Methyloctane
x	2234-75-5	Cyclohexane, 1,2,4-trimethyl-
x	224-42-0	Dibenz(a,,j)acridine
x	2245-38-7	2,3,5-Trimethylnaphthalene
x	226-36-8	Dibenz(a,h)acridine
x	22967-92-6	MeHg Methylmercury
x	2303-16-4	Diallate (cis- or trans-)
x	2310-17-0	Phosalone
x	23135-22-0	Oxamyl
x	23184-66-9	Butachlor
x	23505-41-1	Pirimphos-ethyl
x	2363-71-5	Heneicosanoic acid
x	2381-21-7	Pyrene, 1-methyl
x	2385-85-5	Mirex
x	23950-58-5	Pronamide
x	2415-72-7	PrCyPropan Propylcyclopropane
x	2425-06-1	Captafol
x	2437-56-1	1-Tridecene
x	2437-79-8	2,2,4,4-Tetrachlorobiphenyl
x	24621-61-2	(s)-(+)-1,3-Butanediol
x	24642-72-6	Cydohexane carboxylic acid
x	24934-91-6	Chlormephos
x	24959-67-9	Bromide
x	25044-01-3	1-Penten-3-one, 2-methyl-
x	25155-15-1	Methylmethylethylbenzene
x	25167-82-2	Trichlorophenols
x	25167-83-3	Tetrachlorophenols
x	25168-05-2	Chlorotoluene
x	2532-58-3	Cylcopentane, 1,3-Dimethyl-, cis-
x	25321-22-6	Dichlorobenzenes
x	25323-89-1	Trichloroethane
x	25429-29-2	2,2,3,4,6-Pentachlorobiphenyl
x	25446-35-9	9-(2-Cyclohexylethyl)heptadeca
x	25550-14-5	EtMebenzen Ethylmethylbenzene
x	25735-29-9	Trichloropropane
x	25837-05-2	Ethylbenzene-D10
x	2631-37-0	Promecarb
x	26601-64-9	Hexachlorobiphenyls
x	26761-40-	Diisooctyl phthalate
x	2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

x	271-89-6	Benzofuran Benzofuran
x	27133-93-3	2,3-Dihydro-1-methylindene
x	27304-13-8	OChlordane Oxychlordane
x	27323-18-8	Chloro-1,1-biphenyl
x	2807-30-9	ETHANOL, 2-PROPOXY (TIC)
x	2847-72-5	4-METHYLDECANE
x	287-92-3	Cpentane Cyclopentane
x	2870-04-4	2-Ethyl-1,3-dimethylbenzene
x	28804-88-8	DimethylNaphthalene
x	291-64-5	CYCLOHEPTANE (TIC)
x	29191-52-4	o-Anisidine
x	2921-88-2	Chlorpyrifos
x	294-62-2	CyDodecane Cyclododecane
x	295-17-0	CyDecane4 Cyclotetradecane
x	2958-76-1	Naphthalene, decahydro-2-methyl-
x	297-97-2	Thionazine
x	298-00-0	Parathion methyl
x	298-02-2	Phorate
x	298-03-3	Demeton-O
x	298-04-4	Disulfoton
x	299-84-3	Ronnel
x	29949-27-7	n-Amylcyclohexane
x	300-57-2	Allylbenzene
x	300-76-5	Naled
x	301-00-8	Methyl linolenate
x	30135-88-7	Bromofluorobenzene
x	3017-95-6	2-Bromo-1-chloropropane
x	302-17-0	Chloral hydrate
x	30402-15-4	PCDBF Pentachlorodibenzofuran
x	30560-19-1	Acephate
x	3073-66-3	113MeCyHex 1,1,3-Trimethylcyclohexane
x	3074-71-3	23MeHeptan 2,3-Dimethylheptane
x	309-00-2	Aldrin
x	3114-55-4	Chlorobenzene-d5
x	314-40-9	Bromacil
x	315-18-4	Mexacarbate
x	31711-53-2	Methylphenanthrene
x	319-84-6	alpha-BHC
x	319-85-7	beta-BHC
x	319-86-8	delta-BHC
x	321-38-0	1-Fluoronaphthalene
x	321-60-8	2-Fluorobiphenyl
x	3221-61-2	2MeOctane 2-Methyloctane
x	3268-87-9	Octachlorodibenzo-p-dioxin
x	327-98-0	Trichloronate
x	330-54-1	Diuron
x	330-55-2	Linuron
x	332-77-4	DHDMOF 2,5-Dihydro-2,5-dimethoxy-fura
x	33213-65-9	Endosulfan II
x	33245-39-5	Fluchloralin
x	333-41-5	Diazinon

x	334-48-5	Decanoic acid
x	3424-82-6	2,4'-DDE
x	34465-46-8	Total Hexachlorodibenzo-p-dioxins (HxCDD)
x	34643-36-4	Tokuthion (Prothiofos)
x	34643-46-4	Prothiophos
x	348-51-6	1-Chloro-2-fluorobenzene
x	35-80-0	Lead-212
x	352-33-0	1-Chloro-4-fluorobenzene
x	3522-94-9	225Mehexan 2,2,5-Trimethylhexane
x	354-23-4	DCTFE 1,2-Dichloro-1,1,2-trifluoroet
x	35400-43-2	Bolstar (Sulprofos)
x	35572-78-2	2-Amino-4,6-dinitrotoluene
x	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
x	36088-22-9	PCDBDX Pentachloro-dibenzo[b,e][1,4]d
x	363-72-4	Pentafluoro-benzene
x	3648-21-3	Diheptyl phthalate
x	3658-77-3	Furaneol
x	36653-82-4	1-HEXADECANOL (TIC)
x	367-12-4	2-Fluorophenol
x	3674-66-6	Phenanthrene, 2,5-dimethyl-
x	3689-24-5	Sulfotep
x	37324-23-5	PCB 1262
x	37871-00-4	Total Heptachlorodibenzo-p-dioxins (HpCDD)
x	3789-85-3	Benzoic Acid, 2-[(Trimethylsilyl)Oxyl-, Trimethylsilyl Este
x	3812-32-6	Carbonate
x	3855-82-1	14CIBenzd4 1,4-Dichlorobenzene-d4
x	3891-98-3	DODECANE, 2,6,10-TRIMETHYL- (TIC)
x	38998-75-3	Total Heptachlorodibenzofurans (HpCDF)
x	39001-02-0	Octachlorodibenzofuran
x	3913-02-8	2-Butyl-1-octanol
x	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
x	39300-45-3	Dinocap
x	39638-32-9	2,2'-Dichlorodiisopropyl ether
x	39765-80-5	trans-Nonachlor
x	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
x	4057-42-5	2,6-Dimethyl-2-octene
x	4127-47-3	1122MeCyPr 1,1,2,2-Tetramethylcyclopropan
x	4165-60-0	Nitrobenzene-d5
x	4165-62-2	Phenol-d5
x	4175-53-5	2,3-Dihydro-1,3-dimethyl-1H-indene
x	420-56-4	Silane, fluorotrimethyl
x	4229-91-8	Propylfuran
x	4291-79-6	1Me2PrCHx 1-Methyl-2-propylcyclohexane
x	4292-92-6	Cyclohexane, pentyl-
x	4337-65-9	Hexanedioic acid, mono(2-ethylhexyl) ester
x	434-64-0	Octafluorotoluene
x	434-90-2	Decafluorobiphenyl
x	4443-61-2	9-Cyclohexyleicosane
x	460-00-4	4-Bromofluorobenzene
x	4602-84-0	3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
x	462-06-6	Fluorobenzene

x	463-58-1	Carbon Oxidesulfide
x	465-02-1	GERMANICOL
x	465-73-6	Isodrin
x	470-90-6	Chlorfenvinphos
x	471-34-1	Calcium Carbonate (Hardness)
x	471-77-2	1-Phenanthrenecarboxylic Acid, 1,2,3,4,4
x	479-45-8	Tetryl
x	479-61-8	Chlorophyll a
x	4860-03-1	1-Chlorohexadecane
x	488-23-3	1,2,3,4-Tetramethylbenzene
x	4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-
x	493-02-7	NAPHTHALENE, DECAHYDRO-, TRANS (TIC)
x	496-11-7	Indan 2,3-Dihydro-1H-indene
x	498-07-7	1,6-Anhydro-beta-d-glucopyranose
x	50-00-0	Formaldehyde
x	50-06-6	Phenanthrene-d10(IS) Phenobarbital
x	50-29-3	4,4'-DDT
x	50-32-8	Benzo(a)pyrene
x	502-69-2	2-PENTADECANONE, 6,10,14-TRIMETHYL-
x	505-29-3	1,4-Dithiane
x	505-60-2	Bis(2-chloroethyl)sulfide
x	506-12-7	Heptadecanoic acid
x	506-30-9	Eicosanoic acid
x	506-77-4	CYANC Cyanogen chloride
x	50876-31-8	Cyclohexane, 1,1,3,5-tetramethyl-, trans-
x	51-28-5	2,4-Dinitrophenol
x	51-52-5	Propylthiouracil
x	51-79-6	Ethyl carbamate
x	510-15-6	Chlorobenzilate
x	5103-71-9	alpha-Chlordane
x	5103-73-1	cis-Nonachlor
x	5103-74-2	gamma-Chlordane gamma-Chlordane
x	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran
x	51218-45-2	Metolachlor
x	513-88-2	1,1-dichloro-2-Propanone
x	5131-60-2	4-Chloro-1,3-phenylenediamine
x	513371	1-Chloro-2-methylpropene
x	52-85-7	Famphur
x	526-73-8	1,2,3-Trimethylbenzene
x	52663-75-9	1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octachloro-
x	527-53-7	1,2,3,5-Tetramethylbenzene
x	527-84-4	BENZENE, 1-METHYL-2-(1-METHYLETHYL)
x	528-29-0	1,2-Dinitrobenzene
x	529-33-9	1,2,3,4-Tetrahydro-1-naphthol
x	53-19-0	2,4'-DDD
x	53-70-3	Dibenzo(a,h)anthracene
x	53-96-3	2-Acetylaminofluorene
x	534-52-1	2-Methyl-4,6-dinitrophenol
x	53469-21-9	PCB-1242 (Aroclor 1242)
x	53494-70-5	Endrin ketone
x	535-77-3	1-Methyl-3-isopropylbenzene

x	53771-88-3	Cyclopentane, 1-methyl-3-(1-methylethyl)-
x	54-11-5	Nicotine
x	540-36-3	1,4-Difluorobenzene
x	540-49-8	12BrMethan 1,2-Dibromoethene
x	540-59-0	1,2-Dichloroethene
x	540-84-1	2,2,4-Trimethylpentane (Isoctane)
x	540-97-6	DODMCHS Dodecamethylcyclohexasiloxane
x	541-02-6	Decamethylcyclopentasiloxane
x	541-05-9	HMCTS Hexamethylcyclotrisiloxane
x	541-73-1	1,3-Dichlorobenzene
x	54105-67-8	26DMHEP 2,6-Dimethylheptadecane
x	54120-62-6	Ethyl-1,2,4-trimethylbenzene
x	542-58-5	2CEA 2-Chloroethanol acetate
x	542-75-6	1,3-Dichloropropene (Total)
x	542-76-7	3-Chloropropionitrile
x	542-88-1	Bis(chloromethyl) ether
x	544-10-5	1-Chlorohexane
x	544-63-8	Tetradecanoic acid
x	544-76-3	Hexadecane
x	544-85-4	Dotriacontane
x	54446-78-5	1-(2-Butoxyethoxy)ethanol
x	54832-83-6	OCTHYI Octahydro-2,2,4,4,7,7-hexameth
x	54833-48-6	TMHEPD 2,6,10,15-Tetramethylheptadeca
x	55-18-5	n-Nitrosodiethylamine
x	55-38-9	Fenthion
x	55-63-0	Nitroglycerin
x	55045-08-4	2-Methyl-6-propyldodecane
x	554-12-1	MeProate Methyl propanoate
x	555-37-3	Neburon
x	556-67-2	Octamethylcyclotetrasiloxane
x	5566-34-7	Gamma-Chlordane
x	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
x	55684-94-1	Total Hexachlorodibenzofurans (HxCDF)
x	557-59-5	Tetracosanoic acid
x	557-93-7	2-Bromopropene
x	55722-27-5	Total Tetrachlorodibenzofuran
x	559-74-0	Cyclopentane
x	56-23-5	Carbon tetrachloride
x	56-38-2	Parathion ethyl
x	56-49-5	3-Methylcholanthrene
x	56-49-5	3-MC 3-Methylcholanthrene
x	56-53-1	Diethylstilbestrol
x	56-55-3	Benzo(a)anthracene
x	56-57-5	4-Nitroquinoline-n-oxide
x	56-72-4	Coumaphos
x	56030-56-9	1,1'-Biphenyl, 2,2',3,4,4',6-hexachloro-
x	563-12-2	Ethion
x	563-54-2	1,2-Dichloropropene
x	563-58-6	1,1-Dichloropropene
x	56312-13-1	Dihydrosaffrole
x	564-04-5	22DM3P 2,2-Dimethyl-3-pentanone

x	565-59-3	22MePent 2,3-Dimethylpentane
x	565-75-3	2,3,4-Trimethylpentane
x	57-10-3	Hexadecanoic acid
x	57-11-4	Octadecanoic acid
x	57-12-5	Cyanide
x	57-24-9	Strychnine
x	57-41-0	5,5-Diphenylhydantoin
x	57-55-6	Propylene Glycol
x	57-57-8	B-Propiolactone
x	57-74-9	Chlordane
x	57-88-5	CHOLESTEROL
x	57-97-6	7,12-Dimethylbenz(a)anthracene
x	571-58-4	14MeMothBl 1,4-Dimethylnaphthalene
x	571-61-9	1,5-Dimethylnaphthalene
x	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran

Analyte_Type

Code	Definition
CA	Carrier
OD	Other Detected Isotope
SM	System Monitoring Comppound
SP	Spike
SU	Surrogate
TA	Target
TI	Tentatively Identified Compound
TR	Tracer
UG	Unidentified gamma emmision

Batch Type

Code	Definition
ACV	Preparation: Automated Cold Vapor AA Analysis Preparation
ADIST	Preparation: Distillation for the Semi-Automated Spectrophotometric Analysis
AIR_DRIED	Handling: Air Dried
ALUMINA	Cleanup: Alumina
ANALYSIS	Analysis: As Prepared
ASHED	Handling: Ashed
ASOXHLET	Preparation: Automated Soxhlet Extraction
AS RECEIVED	Handling: As Received
AZEO	Preparation: Azeotropic Distillation
BENZENESYNTH	Preparation: Radchem, Benzene Synthesis for Radio-Carbon
BOMB	Preparation: Pressure Bomb Combustion Oxidation
CARRIERPRECIP	Preparation: Radchem, Carrier Precipitation Separation
CENTRIFUGED	Handling: Centrifuged
COMBUSTION	Preparation: Radchem, Combustion Oxidation
CONT	Preparation: Continuous Liquid-Liquid Extraction
CPURGE	Preparation: Closed-System Purge-and-Trap
CV	Preparation: Manual Cold Vapor AA Analysis Preparation
DECANTED	Handling: Decanted
DEMANATION	Preparation: Radchem, Demanation for Ra-226
DEMOUNT	Preparation: Radchem, Demounting for Additional or Reanalysis
DERIVATIZE	Preparation: Derivatization
DIST	Preparation: Manual Distillation
DRAINED	Handling: Drained
DRYMOUNT	Preparation: Radchem, Dry Mount
ELECTROENRICH	Preparation: Radchem, Electrolytic Enrichment
FILTERED	Handling: Filtered
FLAME	Preparation: Radchem, Flaming of Counting Mounts
FLORISIL	Cleanup: Florisil
FUSION	Preparation: Radchem, Molten Salt Fusion
GPC	Cleanup: Gel Permeation Chromatography
GRIND	Handling: Grind
HDRIED	Handling: Dried (Entire Sample)
HEAD	Preparation: Headspace Analysis
HOMOGENIZED	Handling: Homogenized
HPDIGEST	Preparation: Hotplate/Block Digestion
IONEXCHANGE	Preparation: Radchem, Ion Exchange Separation
LEACH-HNO3	Preparation: Radchem, Leach-HNO3
LEACHACID	Preparation: Leach Using Acid Other Than HNO3
LEACHNEUTRAL	Preparation: Leach Using Neutral Reagent
MDIST	Preparation: Midi-Distillation for the Manual and Semi-Automated Spectrophotometric Analysis
MWDIGEST	Preparation: Microwave Digestion
OTHERCLEANUP	Cleanup: Other
PDRIED	Preparation: Dried (Aliquot Specific)
PFE	Preparation: Pressurized Fluid Extraction
PLATE	Preparation: Radchem, Electroplating of Counting Mounts
PRECIPITATION	Preparation: Radchem, Precipitation of Counting Mounts
PURGE	Preparation: Purge-and-Trap for Aqueous Samples
RADSPECIFIC	Preparation: Radchem, Element Specific Separation (e.g. EICHROM)

SALTING	Preparation: Salting Out
SEPF	Preparation: Separatory Funnel Liquid-Liquid Extraction
SFE	Preparation: Supercritical Fluid Extraction
SILICAGEL	Cleanup: Silica Gel
SOLVENTEXCT	Preparation: Radchem, Solvent Extraction Separation
SONC	Preparation: Sonication (Ultrasonic Extraction)
SOXHLET	Preparation: Soxhlet Extraction
SPE	Preparation: Solid-Phase Extraction (SPE)
SULFUR	Cleanup: Sulfur
TCLP	Preparation: TCLP Extraction
TCLPAPPBLK	Handling: TCLP Apparatus Blank
TOTDIS-HF/HNO3	Preparation: Radchem, Total Dissolution-HF/HNO3
TOTDIS-HF/HNO3/HCL	Preparation: Radchem, Total Dissolution-HF/HNO3/HCL
VACUUM	Preparation: Vacuum Distillation
WETASH-HNO3	Preparation: Radchem, Wet Ash-HNO3

Client_Method_ID	
Code	Description
ISOPU	1990 EML Procedures Manual, Pu-11, HASL-300
ISOU	34th ORNL-DOE Conf.: Measure of Isotopic Uranium
SW9030A	Acid Soluble and Acid Insoluble Sulfides
SACIDSL	Acid Soluble Sulfide (EPA Draft 1991)
E305.1	Acidity, Total
E305.2	Acidity, Total
E310.1	Alkalinity, Total (as Carbonate)
E310.2	Alkalinity, Total (as Carbonate)
ALPHASPEC	Alpha Spectrometry
SW9315	Alpha-Emitting Radium Isotopes
E903.0	Alpha-Emitting Radium Isotopes in Drinking Water
E202.1	Aluminum (AA, Direct Aspiration)
SW7020	Aluminum (AA, Direct Aspiration)
E202.2	Aluminum (AA, Furnace Technique)
CSGAS	Analytical Determination of CS Gas
E204.1	Antimony (AA, Direct Aspiration)
SW7040	Antimony (AA, Direct Aspiration)
E204.2	Antimony (AA, Furnace Technique)
SW7041	Antimony (AA, Furnace Technique)
N1501	Aromatic Hydrocarbons in Air
SW8020	Aromatic Volatile Organics
SW8020A	Aromatic Volatile Organics by Gas Chromatography
SW7060	Arsenic (AA, Furnace Technique)
SW7060A	Arsenic (AA, Furnace Technique)
E206.2	Arsenic (AA, Furnace)
SW7061A	Arsenic (AA, Gaseous Hydride)
E206.3	Arsenic (AA, Hydride)
SW7061	Arsenic by Hydride Generation
ASA1033	ASA (1982) 10-3.3: Electrical Conductivity
ASA2451	ASA (1982) 24-5.1: Phosphorus Soluble in Dilute Acid-Fluoride
ASA39	ASA (1982) 39: Heterotrophic Plate Count
E600M4	Asbestos in Bulk Insulation, Int. Method (Pol Lt. Microscopy & Di
D808	ASTM Method Chlorine in New and Used Petroleum Products
D2500	ASTM Method Cloud Point of Petroleum Oils
D3828	ASTM Method Flash Point by Setaflash Closed Tester
D482	ASTM Method for Ash from Petroleum Products
DE1109	ASTM Method for Determining Bulk Density of Solid Waste Fractions
D776	ASTM Method for Forms of Chlorine in Refuse-Derived Fuel
D1945	ASTM Method for Natural Gas by GC
D3341	ASTM Method for Organic Lead
D129	ASTM Method for Sulfur in Petroleum Products
D1744	ASTM Method for Water in Liquid Petroleum Prods. by K.F. Reagent
D97	ASTM Method Pour Point of Petroleum Oils
E282.2	Atomic Absorption, Furnace
E200.9	Atomic Absorption, Platform
E208.1	Barium (AA, Direct Aspiration)
SW7080	Barium (AA, Direct Aspiration)
SW7081	Barium (AA, Furnace Technique)
E208.2	Barium (AA, Furnace)

E210.1	Beryllium (AA, Direct Aspiration)
SW7090	Beryllium (AA, Direct Aspiration)
E210.2	Beryllium (AA, Furnace Technique)
SW7091	Beryllium (AA, Furnace Technique)
E405.1	Biochemical Oxygen Demand
BDTL	Bligh and Dyer Method for Total Lipids
E212.3	Boron (Colorimetric, Curcumin)
E320.1	Bromide
SHEEN	Brown & Braddock Method for Sheen Screening (1989)
SW8020F	BTEX/Gasoline Range Organics (SW8020/8015)
AHERA	Bulk Asbestos-40CFR763, Subpart F, Appendix A
E213.1	Cadmium (AA, Direct Aspiration)
SW7130	Cadmium (AA, Direct Aspiration)
SW7131	Cadmium (AA, Furnace Technique)
E213.2	Cadmium (AA, Furnace)
E215.1	Calcium (AA, Direct Aspiration)
SW7140	Calcium (AA, Direct Aspiration)
E215.2	Calcium (Titrimetric, EDTA)
MSACAT	Cation Exchange Capacity & Exchange Coefficients
E410.1	Chemical Oxygen Demand
E410.2	Chemical Oxygen Demand
E410.4	Chemical Oxygen Demand - Colorimetric
E325.3M	Chloride (as Cl) Modified
E325.1	Chloride (as Cl)
E325.2	Chloride (as Cl)
E325.3	Chloride (as Cl)
E325.2M	Chloride (as Cl) Modified
SW9252	Chloride (Titrimetric, Mercuric Nitrate)
SW9253	Chloride (Titrimetric, Silver Nitrate)
E615	Chlorinated Herbicides
SW8150	Chlorinated Herbicides by GC
SW8150A	Chlorinated Herbicides by GC
SW8151	Chlorinated Herbicides by GC
SW8151A	Chlorinated Herbicides by GC
E508	Chlorinated Pesticides in Groundwater
E218.1	Chromium (AA, Direct Aspiration)
SW7190	Chromium (AA, Direct Aspiration)
SW7191	Chromium (AA, Furnace Technique)
E218.2	Chromium (AA, Furnace)
E218.3	Chromium by Chelation - Extraction
E218.4	Chromium Hexavalent (AA, Chelation-Extraction)
E218.5	Chromium Hexavalent, Dissolved (AA, Furnace)
SW7197	Chromium, Hexavalent (Chelation/Extraction)
SW7196	Chromium, Hexavalent (Colorimetric)
SW7196A	Chromium, Hexavalent (Colorimetric)
SW7195	Chromium, Hexavalent (Coprecipitation)
SW7198	Chromium, Hexavalent (Differential Pulse Polarography)
CLPPM	CLP Method for Percent Moisture (ILM03.0)
E219.1	Cobalt (AA, Direct Aspiration)
SW7200	Cobalt (AA, Direct Aspiration)
E219.2	Cobalt (AA, Furnace Technique)

SW7201	Cobalt (AA, Furnace Technique)
E410.3M	COD (Titrimetric, High Level for Saline Water) Modified
E110.2	Color (Colorimetric-Platinum-Cobalt)
E601-2	Combined Methods E601/E602
SWVOL	Combined Methods SW8010/SW8020, Same Column
E220.1	Copper (AA, Direct Aspiration)
SW7210	Copper (AA, Direct Aspiration)
SW7211	Copper (AA, Furnace Technique)
E220.2	Copper (AA, Furnace)
SW1110	Corrosivity Toward Steel
SW9013	Cyanide Extraction Procedure for Solids and Oils
E335.1	Cyanides, Amenable to Chlorination
E515.1	Determination of Chlorinated Acids in Water by GC/ECD
M8100	Determination of Diesel Range Organics
ULK09	Determination of DIMP and DMMP in Soil by GC/FPD
SW9056	Determination of Inorganic Anions by Ion Chromatography
ETO12	Determination of Non-Methane Organic Compounds in Ambient Air
ULT04	Determination of Organic Acids in Soil by Ion Chromatography
CAPBO	Determination of Organic Lead DHS Method
E614	Determination of Organophosphorus Pesticides
ULL05	Determination of Organosulfur Compounds in Soil by GC
E1658	Determination of Phenoxy-acid Herbicides
ULL9	Determination of Thiodiglycol and Chloroacetic Acid in Soil
ETO14A	Determination of Volatile Organic Compounds in Ambient Air by GC
AK102	Diesel Range Organics, Alaska Dept. of Environment. Conserv.
RSK175	Diss. Gasses in Water by GC (Inter'l J. Env. Anal. Chem. 1991)
DOCH4	Diss. Oxygen & Methane (Inter'l J. Env. Anal. Chem. 1988)
D91AVSM	Draft 1991-Determination of Acid Volatile in Sediment
SW8290D	Draft Polychlorinated Dibenzodioxins/Polychlorinated Dibenzofuran
N0502	Dustfall from the Atmosphere
E504	EDB and DBCP In Water by Microextraction and Gas Chromatography
SW9081	EPA 9081 Cation-Exchange Capacity of Soils
E625	Extractable Priority Pollutants
SW9031	Extractable Sulfides
SW1010	Flash Point (Closed-Cup Tester)
ASTMD93	Flash Point, (Open Cup)
E340.1	Fluoride
E340.2	Fluoride
E340.3	Fluoride
E340.2M	Fluoride Modified
CENPD	Fuel Identification and Quantification-COE
GAMMASPEC	Gamma Spectroscopy
E901.1	Gamma-Emitting Radionuclides in Drinking Water
GPC	Gas Proportional Counting
AK101	Gasoline Range Organics, Alaska Dept. of Environment. Conserv.
SW8240	GC/MS for Volatile Organics
SIM	GC/MS SIM Method
E231.1	Gold (AA, Direct Aspiration)
E231.2	Gold (AA, Furnace)
GROSSALPHA	Gross Alpha
E900	Gross Alpha and Beta Radiation

SW9310	Gross Alpha and Gross Beta
GROSSAB	Gross Alpha/Beta
GROSSBETA	Gross Beta
GROSSGAMMA	Gross Gamma
SW8021B	Halogenated and Aromatic Volatiles by GC using Photoionization
SW8010	Halogenated Volatile Organics by Gas Chromatography
SW8010A	Halogenated Volatile Organics by Gas Chromatography
SW8010B	Halogenated Volatile Organics by Gas Chromatography
SW8021A	Halogenated Volatiles by Gas Chromatography using Photoionization
E130.1	Hardness, Total (Colorimetric, Automated EDTA)
E130.2	Hardness, Total (Titrimetric)
D240	Heat of Combustion of Hydrocarbon Liquids by Bomb Calorimeter
E1664	HEM and SGT-HEM by Extraction and Gravimetry
D2015	High Heat Value Determination in Liquid
SCID	Hydrocarbon Screening Method
SW1020	Ignitability
E200.7	Inductively Coupled Plasma Emission
E200.8	Inductively Coupled Plasma/Mass Spectroscopy
SW6010A	Inductively Coupled Plasma-Atomic Emission Spectroscopy
SW6010B	Inductively Coupled Plasma-Atomic Emission Spectroscopy
SW6010	Inductively Coupled Plasma-Emission
SW6020	Inductively Coupled Plasma-Mass Spectrometry
E300	Inorganic Anions by Ion Chromatography
E345.1	Iodide (as I)
E235.1	Iridium (AA, Direct Aspiration)
E235.2	Iridium (AA, Furnace)
E236.1	Iron (AA, Direct Aspiration)
SW7380	Iron (AA, Direct Aspiration)
E236.2	Iron (AA, Furnace Technique)
SW7381	Iron (AA, Furnace Technique)
KPA	Kinetic Phosphorescence Analysis
E239.1	Lead (AA, Direct Aspiration)
SW7420	Lead (AA, Direct Aspiration)
SW7421	Lead (AA, Furnace Technique)
E239.2	Lead (AA, Furnace)
LSC	Liquid Scintillation
SW7430	Lithium (AA, Direct Aspiration)
LPFE3	Lovely/Phillips (1987) Rapid Assay for Microbially Reducible Fe3+
E242.1	Magnesium (AA, Direct Aspiration)
SW7450	Magnesium (AA, Direct Aspiration)
E243.1	Manganese (AA, Direct Aspiration)
SW7460	Manganese (AA, Direct Aspiration)
E243.2	Manganese (AA, Furnace Technique)
SW7461	Manganese (AA, Furnace Technique)
E245.2	Mercury (Cold Vapor, Automated)
E245.1	Mercury (Cold Vapor, Manual)
E245.5	Mercury (Cold Vapor, Sediments)
SW7470	Mercury in Liquid Waste (Manual Cold-Vapor Technique)
SW7470A	Mercury in Liquid Waste (Manual Cold-Vapor Technique)
SW7471	Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)
SW7471A	Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)

UL09	Method UL09, Rocky Mountain Arsenal
UW46	Method UW46, Rocky Mountain Arsenal
ME418.1	Modified E418.1 TRPH (Alaska)
OR418.1	Modified for State of Oregon Total Petroleum Hydrocarbons
WA418.1	Modified for State of Washington Total Petroleum Hydrocarbons
M8015	Modified SW8015 for Gasoline or Diesel Determination
E246.1	Molybdenum (AA, Direct Aspiration)
SW7480	Molybdenum (AA, Direct Aspiration)
E246.2	Molybdenum (AA, Furnace Technique)
SW7481	Molybdenum (AA, Furnace Technique)
MTTPH-D	Montana Total Petroleum Hydrocarbons-Diesel Range
MTTPH-G	Montana Total Petroleum Hydrocarbons-Gasoline Range
E249.1	Nickel (AA, Direct Aspiration)
SW7520	Nickel (AA, Direct Aspiration)
E249.2	Nickel (AA, Furnace)
SW8330	Nitroaromatics and Nitramines by HPLC
E350.1	Nitrogen, Ammonia (as N)
E350.2	Nitrogen, Ammonia (as N)
E350.3	Nitrogen, Ammonia (as N)
E350.1M	Nitrogen, Ammonia (as N) Modified
E351.1	Nitrogen, Kjeldahl, Total
E351.2	Nitrogen, Kjeldahl, Total
E351.3	Nitrogen, Kjeldahl, Total
E351.4	Nitrogen, Kjeldahl, Total
E351.4M	Nitrogen, Kjeldahl, Total Modified
E352.1	Nitrogen, Nitrate (as N)
E353.2M	Nitrogen, Nitrate-Nitrate Modified
E353.1	Nitrogen, Nitrate-Nitrite
E353.2	Nitrogen, Nitrate-Nitrite
E353.3	Nitrogen, Nitrate-Nitrite
E354.1	Nitrogen, Nitrite
SW8015	Non-Halogenated Volatile Organics
SW8015M	Non-Halogenated Volatile Organics - Modified
SW9071	Oil and Grease Extraction Method for Sludge Samples
E413.1	Oil and Grease, Total Recoverable
E413.2	Oil and Grease, Total Recoverable (Spectrophotometric IR)
OSCACO3	Oregon State University, CaCO ₃ Soils Method
SW8081	Organochlorine Pesticides & PCBs as Aroclors by GC: Capillary Col
E608	Organochlorine Pesticides and PCBs
SW8080	Organochlorine Pesticides and PCBs
SW8080A	Organochlorine Pesticides and PCBs by GC
SW8081A	Organochlorine Pesticides by Gas Chromatography
SW8141	Organophosphorus Compounds by Gas Chromatography
SW8140	Organophosphorus Pesticides
E252.1	Osmium (AA, Direct Aspiration)
SW7550	Osmium (AA, Direct Aspiration)
E252.2	Osmium (AA, Furnace)
E360.1	Oxygen, Dissolved
E360.2	Oxygen, Dissolved
PAHSIM	PAH Specific Ion Monitoring
SW9095	Paint Filter Liquids Test

E253.2	Palladium (AA, Furnace)
E253.1	Palladium, (AA, Direct Aspiration)
PS1986	Particle Size by PSEP Protocols
E6045	PCB Oil
AG7-2.2	Percent Moisture
D2216	Percent Solid
E418.1	Petroleum Hydrocarbons, Total Recoverable
SW9045A	pH
E150.1	pH, Electrometric
SW9040	pH, Electrometric Measurement
SW9040B	pH, Electrometric Measurement
SW9066	Phenolics (Colorimetric, Automated 4-AAP with Distillation)
SW9065	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
E420.1	Phenolics, Total Recoverable (Spectrophotometric, Manual)
E420.1M	Phenolics, Total Recoverable Modified
SW8040A	Phenols by Gas Chromatography
E365.2	Phosphorus, All Forms (as P)
E365.3	Phosphorus, All Forms (Colorimetric, Ascorbic Acid)
E365.1	Phosphorus, All Forms, (Colorimetric, Automated, Ascorbic Acid)
E365.3M	Phosphorus, Reactive Soluble
E365.4	Phosphorus, Total (Colorimetric, Automated Block Digestor, AA II)
SW8060	Phthalate Esters
E255.2	Platinum (AA, Furnace)
E255.1	Platinum, (AA, Direct Aspiration)
SW8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
SW8280	Polychlorinated Dibenzodioxins/Polychlorinated Dibenzofurans
SW8290	Polychlorinated Dibenzodioxins/Polychlorinated Dibenzofurans
E610	Polynuclear Aromatic Hydrocarbons
SW8100	Polynuclear Aromatic Hydrocarbons
SW8310	Polynuclear Aromatic Hydrocarbons
E258.1	Potassium (AA, Direct Aspiration)
SW7610	Potassium (AA, Direct Aspiration)
PSEPSID	Puget Sound Estuary Program, Sulfide Analysis
E602	Purgeable Aromatics
E601	Purgeable Halocarbons
E905.0	Radioactive Strontium in Water
E903.1	Radium
SW9320	Radium-228
E160.1	Residue, Filterable (TDS)
E160.2	Residue, Non-Filterable
E160.3M	Residue, Total (Gravimetric Dried) Modified
E160.3	Residue, Total (Gravimetric, Dried at 103-105 Degrees)
E160.4	Residue, Volatile (Gravimetric, Ignition at 550 Degrees)
E160.4M	Residue, Volatile (Gravimetric, Ignition) Modified
E265.1	Rhodium (AA, Direct Aspiration)
E265.2	Rhodium (AA, Furnace)
E267.1	Ruthenium (AA, Direct Aspiration)
E267.2	Ruthenium (AA, Furnace)
E270.1	Selenium (AA, Direct Aspiration)
SW7740	Selenium (AA, Furnace Technique)
E270.2	Selenium (AA, Furnace)

SW7741	Selenium (AA, Gaseous Hydride)
E270.3	Selenium (AA, Hydride)
SW8270	Semivolatile Organic Compounds by GC/MS
SW8270A	Semivolatile Organic Compounds by GC/MS
SW8270B	Semivolatile Organic Compounds by GC/MS
SW8270C	Semivolatile Organic Compounds by GC/MS
E525.1M	Semivolatile Organic Compounds Modified
SW1020A	Setaflash Closed-Cup Method for Determining Ignitability
E160.5	Settleable Matter
E370.1	Silica
E272.1	Silver (AA, Direct Aspiration)
SW7760	Silver (AA, Direct Aspiration)
SW7760A	Silver (AA, Direct Aspiration)
SW7761	Silver (AA, Furnace Technique)
E272.2	Silver (AA, Furnace)
E273.1	Sodium (AA, Direct Aspiration)
SW7770	Sodium (AA, Direct Aspiration)
E273.2	Sodium (AA, Furnace Technique)
SW9045B	Soil and Waste pH
SW9045C	Soil and Waste pH
SW8321	Solvent Extractable Non-Volatile Compounds by HPLC/TSP/MS or UV D
E120.1	Specific Conductance
SW9050A	Specific Conductance
D287	Specific Gravity (Petroleum Product Hydrometer Sp)
D1217	Specific Gravity (Pycnometer)
E206.4	Spectrophotometric, SDDC
A4500F	Standard Method (18th ed.) 4500NO3F: Auto Cd Reduction
A9260D	Standard Method (18th ed.) 9260 D: Quantitative Salmonella Proc.
A10200H	Standard Method (19th ed.) 10200 H: Chlorophyll
A2510B	Standard Method (19th ed.) 2510 B: Specific Conductance
A2540C	Standard Method (19th ed.) 2540 C: Total Diss. Solids at 180 deg.
A2540G	Standard Method (19th ed.) 2540 G: Total, Fixed and Vol. Solids
A2580B	Standard Method (19th ed.) 2580 B: Oxidation-Reduction Potential
A3500FE	Standard Method (19th ed.) 3500-Fe D: Penanthroline Method
A4500C	Standard Method (19th ed.) 4500-Cl C: Mercuric Nitrate Method
A4500CL	Standard Method (19th ed.) 4500-Cl G: Chlorine: DPD Colorimetric
A4500CN	Standard Method (19th ed.) 4500-CN I: Weak Acid Dissociable CN
A4500NH	Standard Method (19th ed.) 4500-NH: Nitrogen (Ammonia)
A2120B	Standard Method 2120 B: Color by Visual Comparison
A2150B	Standard Method 2150 B: Threshold Odor Test
A2320B	Standard Method 2320 B: Alkalinity by Titration Method
A2330B	Standard Method 2330 B: Langelier Index
A2340B	Standard Method 2340 B: Hardness by Calculation
A2340C	Standard Method 2340 C: Hardness by Calc.-EDTA Titrimetric Method
A2520B	Standard Method 2520 B: Salinity
A2710F	Standard Method 2710 F: Specific Gravity
A4500B	Standard Method 4500-Cl: Chloride (Titrimetric, Mercuric Nitrate)
A4500DA	Standard Method 4500-CO2 D: CO2 and Forms of Alkalinity by Calc.
A5520C	Standard Method 5520 C: Oil and Grease Partition-Infrared Method
A5520F	Standard Method 5520 F: Oil and Grease Hydrocarbons
A5540A	Standard Method 5540 A: Surfactants (MBAS)

A5540C	Standard Method 5540 C: Determ. of Methylene Blue Active Subst.
A5550B	Standard Method 5550 B: Tannin and Lignin
A9215B	Standard Method 9215 B: Heterotrophic Plate Count-Pour Plate
A9215D	Standard Method 9215 D: Heterotrophic Plate Count-Membrane Filter
A9221B	Standard Method 9221 B: Total Coliform Fermentation Technique
A9221E	Standard Method 9221 E: Fecal Coliform
A9222B	Standard Method 9222 B: Total Coliform Membrane Filter Procedure
A9222D	Standard Method 9222 D: Fecal Coliform
A9240D	Standard Method 9240 D: Isolation of Iron and Sulfur Bacteria
AK101E	State of Alaska Method 101 Extended (AK101/BTEX)
AK102E	State of Alaska Method 102 Extended (AK102/AK103)
AKD	State of Alaska Method for Diesel
AKG	State of Alaska Method for Gasoline
AK103	State of Alaska Residual Range Hydrocarbons
CATPH-D	State of California Diesel Range Organics
CATPH-G	State of California Gasoline Range Organics
MAEPPH	State of Massachusetts Dept. of Env. Protection EPH Method
MAVPH	State of Massachusetts Dept. of Env. Protection VPH Method
OTPH-D	State of Oregon Diesel Range Organics
OTPH-G	State of Oregon Gasoline Range Organics
OHCID	State of Oregon Hydrocarbon Identification Method
OPHC	State of Oregon Total Petroleum Hydrocarbons
WDOEEPH	State of Washington Dept. of Ecology EPH Method
NWTPHDX	State of Washington Dept. of Ecology TPH-Dx Method
NWTPHGX	State of Washington Dept. of Ecology TPH-Gx Method
NWTPHHC	State of Washington Dept. of Ecology TPH-HCID Method
WDOEVPH	State of Washington Dept. of Ecology VPH Method
WTPH-D	State of Washington Diesel Range Organics
WTPH-G	State of Washington Gasoline Range Organics
WHCID	State of Washington Hydrocarbon Identification
WPHC	State of Washington Total Petroleum Hydrocarbons
SW7780	Strontium (AA, Direct Aspiration)
E375.1	Sulfate
E375.2	Sulfate
E375.3	Sulfate
E375.4	Sulfate
SW9038	Sulfate (Turbidimetric)
E376.1	Sulfide
E376.2	Sulfide
E377.1	Sulfite
SW7.1	SW-846, chpt. 7.1: Ignitability
SW7.2	SW-846, chpt. 7.2: Corrosivity
SW7.3	SW-846, chpt. 7.3: Cyanide/Sulfide Reactivity
E170.1	Temperature
E1613A	Tetra thru Octa-Chlorinated Dioxins and Furans by Isotope Dilution
SW7840	Thallium (AA, Direct Aspiration)
SW7841	Thallium (AA, furnace Technique)
E279.2	Thallium (AA, Furnace)
E282.1	Tin (AA, Direct Aspiration)
SW7870	Tin (AA, Direct Aspiration)
E283.1	Titanium (AA, Direct Aspiration)

E283.2	Titanium (AA, Furnace Technique)
SW9014	Titrimetric and Manual Spectrophotometric Determ. for Cyanide
SW9034	Titrimetric Proc. for Acid-Soluble/Insoluble Sulfides
SW9010	Total and Amenable Cyanide
SW9010A	Total and Amenable Cyanide
SW9012A	Total and Amenable Cyanide (Auto. Colorimetric/Off-line Distill.)
SW9012	Total and Amenable Cyanide (Colorimetric, Automated UV)
BTSNTOT	Total Butyltins
SW9077	Total Chlorine in New and Used Petroleum Products
SW9076D	Total Chlorine in Petroleum Products by Oxidative Combustion
E335.2	Total Cyanide
E335.3	Total Cyanide (Colorimetric, Automated UV)
CATFH	Total Fuel Hydrocarbons: LUFT Method (California)
D3416	Total Hydrocarbons, Methane and Carbon Monoxide in Atmosphere GC
E415.1	Total Organic Carbon (Combustion or Oxidation)
D4129	Total Organic Carbon (TOC)
SW9060	Total Organic Carbon (TOC)
E415.2	Total Organic Carbon (UV Promoted, Persulfate Oxidation)
SW9020	Total Organic Halides (TOX)
SW9020A	Total Organic Halides (TOX)
E906.0	Tritium in Drinking Water
E180.1	Turbidity (Nephelometric)
USDA60	USDA Handbook No. 60: Exchangeable Sodium Percentage
E286.1	Vanadium (AA, Direct Aspiration)
SW7910	Vanadium (AA, Direct Aspiration)
E286.2	Vanadium (AA, Furnace Technique)
SW7911	Vanadium (AA, Furnace Technique)
D445	Viscosity (petroleum product, kinematic viscosity)
D2196	Viscosity (Viscometer)
SW8240A	Volatile Organic Compounds (SW-846 Method)
SW8240B	Volatile Organic Compounds by GC/MS
SW8260	Volatile Organic Compounds by GC/MS
SW8260A	Volatile Organic Compounds by GC/MS
SW8260B	Volatile Organic Compounds by GC/MS
E1624	Volatile Organic Compounds by Isotope Dilution GC/MS
E524.2	Volatile Organic Compounds by Purge and Trap
E624	Volatile Organic Compounds EPA Method 624
TO-14	Volatile Organic Compounds TO-14
SW8021F	Volatiles by GC/Gasoline Range Organics (SW8021B/8015)
WBLACK	Walkley-Black Method, Organic Carbon (TOC)
E289.1	Zinc (AA, Direct Aspiration)
SW7950	Zinc (AA, Direct Aspiration)
SW7951	Zinc (AA, Furnace Technique)
E289.2	Zinc (AA, Furnace)

Counting_Error_Type

Code	Definition
1S	1 Sigma using standard calculation
2S	2 Sigma using standard calculation

Detection_Limit_Type

Code	Definition
ANSI/N42.23	ANSI/N42.23 Standard
CRDL	Contract Required Detection Limit
0.5/0.05	Currie, L. A. "Analytical Chemistry" 40 (3) 1968
CURRIE	Currie, L. A. "Analytical Chemistry" 40 (3) 1968
LD	Currie, L. A. "Analytical Chemistry" 40 (3) 1968
PAiRED	Currie, L. A. "Analytical Chemistry" 40 (3) 1968
IDL	Instrument Detection Limit
LLD	Lowest Level of Detection
DDL	Method Defined Detection Limit
MDL	Method Detection Limit
MDA	Minimum Detectable Activity

EDD_ID

Code	Definition
GEDDANT1	General Electronic Data Deliverable for Analytical Results Data, Tier 1
EMEDDANT1	Environmental Management Electronic Data Deliverable for Analytical Results Data, Tier 1

EDD_Version

Code	Definition
GEDD10	GEDD version 1.0, released 6/15/1999
GEDD11	GEDD version 1.1, released 10/01/1999
EMEDD12	EMEDD version 1.2, released 06/01/2000

Lab_ID

Code	Description
ACCU	Accu-Labs Research, Inc., Golden, CO
ACZ	ACZ Laboratories, Steamboat, CO
APPL	Agriculture & Priority Pollutants Laboratories, Fresno, CA
ATOX	Air Toxics LTD, Folsom, CA
ALDIHL	ALD - Industrial Hygiene Laboratory, Idaho Falls, ID
ALTC	Alta Analytical Lab Incorporated, El Dorado Hills, CA
AELF	American Environmental Laboratories, Pensacola, FL
AENP	American Environmental Network, Portland, OR
ATCA	Analytica, Anchorage, AK
ATCC	Analytica, CO
ANALAB	Analytical Laboratories, Inc., Boise, ID
ALDCPP	Analytical Laboratory Department - CPP, Idaho Falls, ID
ALDIV	Analytical Laboratory Department - In Vitro, Idaho Falls, ID
ALDTRA	Analytical Laboratory Department - TRA, Idaho Falls, ID
ARI	Analytical Resources, Inc., Seattle, WA
ATIA	Analytical Technologies, Inc., Anchorage, AK
ATICO	Analytical Technologies, Inc., Fort Collins, CO
ATIR	Analytical Technologies, Inc., Renton, WA
ATIS	Analytical Technologies, Inc., San Diego, CA
ARDL	Applied Research and Development Lab, Inc., (ARDL) Mt. Vernon, IL
AEHA	Army Environmental Hygiene Agency (AEHA), APG, MD
AXYS	Axys Analytical Services, Ltd., Sidney, B.C., Canada
BWLVA	Babcock and Wilcox R&DD Nuclear Environmental Laboratory, Lynchburg, VA
BARR	Barringer Laboratories, Inc., Golden, CO
BCLB	BC Laboratories, Bakersfield, CA
BMLA	Boreochem Mobile Lab & Analytical Services
BRS	Brelje & Race, Santa Rosa, CA
BKRN	Brooks Rand, Seattle, WA
CAWL	California Water Labs, Inc., Modesto, CA
CATH	Catholic University, Washington, D.C.
CDM	CDM Federal Programs Corporation
CEBA	CEBAM Analytical, Inc., Portland, OR
CEIMSD	CEIMIC+B67 Laboratory, San Diego, CA
CRLB	Century Refining (CENREF) Labs, Inc., Brighton, CO
CHMC	CH2M Hill Analytical Services, Corvallis, OR
CHMM	CH2M Hill Analytical Services, Montgomery, AL
CHEM	Chemic Laboratory, San Diego, CA
CHRP	Chromalab, Inc., Pleasanton, CA
CKY	CKY Inc., Torrance, CA
CLTP	Clayton Environmental Consultants, Inc., Pleasanton, CA
CLAYTON	Clayton Environmental, Kennesan, GA
CSL	Coastal Science Lab, Austin, TX
CCAC	Coast-to-Coast Analytical Services, Inc., Camarillo, CA
CCSJ	Coast-to-Coast Analytical Services, Inc., San Jose, CA
CASA	Columbia Analytical Services, Inc., Anchorage, AK
CASB	Columbia Analytical Services, Inc., Bothell, WA
CASL	Columbia Analytical Services, Inc., Canoga Park, CA
CASK	Columbia Analytical Services, Inc., Kelso, WA
CORECO	Core Laboratories, Casper, WY

CTE	CT&E Environmental Services, Inc., Anchorage, AK
CTEC	CT&E Environmental Services, Inc., Charleston, WV
CTB	Curtis & Tompkins, Berkeley, CA
DMP	D & M Laboratories, Petaluma, CA
DBSTEP	Daniel B. Stephens & Associates, Inc., Albuquerque, NM
DATAOH	DataChem Laboratories, Cincinnati, OH
DCHM	DataChem Laboratories, Inc., Salt Lake City, UT
DRI	Desert Research Institute, Reno, NV
DOWL	Dowl Engineering Alaska Test Labs, Anchorage, AK
EBA	EBA
ECI	EcoChem, Inc.
ECEN	Ecology & Environment, Inc.
EMXT	EMAX Laboratories, Inc., Torrance, CA
EMSEC	EMS Environmental Collections, Savannah River Site, Aiken, SC
EMSWQL	EMS Water Quality Laboratory, Savannah River Site, Aiken, SC
ENSR	ENSR, Fort Collins, CO
EEIS	Envirodyne Engineers, Inc., St. Louis, MO
EHL	Environmental Health Laboratories, South Bend, IN
EPISC	Environmental Physics, Inc., Charleston, SC
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
ETCS	ETC, Santa Rosa, CA
FORA	Forensic Analytical
FRON	Frontier Geosciences, Seattle, WA
GALB	Galbraith Laboratories, Inc., Knoxville, TN
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEOCHRON	Geochron Lab, Cambridge, MA
HUFFMAN	Huffman, Golden, CO
TCTSTL	Huntingdon, St. Louis, MO
INTEC	Idaho Nuclear Technology and Engineering Center, Idaho Falls, ID
INEEL-MTL	INEEL Materials Testing Laboratory, Scoville, ID
IRC	INEEL Research Center, Idaho Falls, ID
KEMRON	KEMRON, Marietta, OH
KIC	KIC Lab, Prudhoe Bay, AK
LDC	Laboratory Data Consultants
LAS	LAS Laboratories, Inc., Las Vegas, NV
LTL	Laucks Testing Lab, Inc., Seattle, WA
LBNL	Lawrence Berkeley National Laboratory, Berkeley, CA
LMES-ASO	LMES - Analytical Chemical Organization, Oak Ridge, TN
LMESOR	LMES Analytical Services Organization, Oak Ridge, TN
ALDECU	LIMITCO Environmental Chemistry Unit, Idaho Falls, ID
LAL	Lockheed Analytical Laboratory, Las Vegas, NV
K25	Lockheed Martin Energy Systems, Inc., Oak Ridge, TN
MATE	Materials Engineering and Testing, Oak Ridge, TN
UPARC	Microseeps, U. Pittsburg Applied Research Center, Pittsburgh, PA
MWLP	Montgomery Watson Laboratories, Pasadena, CA
MSSL	Mountain States Analytical, Salt Lake City, UT
MASA	MultiChem Analytical Services, Anchorage, AK
MASR	MultiChem Analytical Services, Renton, WA
NETB	NET Burbank, Burbank, CA
NETC	NET Cambridge, Bedford, MA
NETS	NET Pacific, Inc., Santa Rosa, CA

NETO	NET Portland, Portland, OR
NMT	New Mexico Tech, Socorro, NM
NCSU	North Carolina State University Lab, NC
NCAP	North Creek Analytical, Beaverton, OR
NCAB	North Creek Analytical, Bothell, WA
NTL	Northern Testing Laboratories, Anchorage, AK
NA	Not Applicable
ORAU	Oak Ridge Associated Universities, Oak Ridge, TN
ORISEE	Oak Ridge Institute for Science and Education Environmental Lab, Oak Ridge, TN
ORISER	Oak Ridge Institute for Science and Education Radiochemistry Lab, Oak Ridge, TN
OEIR	OnSite Environmental, Inc., Redmond, WA
CPA	ORNL Chemical and Physical Analysis Lab, Bldg. 4500S, Oak Ridge, TN
XBMARK	ORNL ESD Biological Marker Laboratory, Oak Ridge, TN
X1503	ORNL ESD Laboratory, Oak Ridge, TN
XRAD	ORNL ESD RAD Analysis Laboratory, Oak Ridge, TN
XRPD	ORNL ESD Reproduction Laboratory, Oak Ridge, TN
XTOX	ORNL ESD Toxicological Analysis Laboratory, Oak Ridge, TN
HRLAL	ORNL High Radiation Level Analytical Lab, Bldg. 2026, Oak Ridge, TN
RMAL	ORNL Radioactive Materials Analytical Lab, Bldg. 2026, Oak Ridge, TN
PIC	Pace Analytical Services, Inc., Camarillo, CA
PIHB	Pace Analytical Services, Inc., Huntington Beach, CA
PIL	Pace Analytical Services, Inc., Lenexa, KS
PIM	Pace Analytical Services, Inc., Minneapolis, MN
PINY	Pace Analytical Services, Inc., New York, NY
PIN	Pace Analytical Services, Inc., Novato, CA
PIP	Pace Analytical Services, Inc., Pittsburgh, PA
PITB	Pace Analytical Services, Inc., Tampa Bay, FL
PIWF	Pace Analytical Services, Inc., Wappingers Falls, NY
PAC	Pacific Analytical, Carlsbad, CA
PAD	Paducah Gaseous Diffusion Plant Laboratory, Paducah, KY
PARA	Paragon Analytics, Inc., Fort Collins, CO
PAIS	Performance Analytical, Inc., Simi Valley, CA
PHLE	Philip Environmental
PORT	Portsmouth Gaseous Diffusion Plant Laboratory, Portsmouth, OH
PURDUE	Purdue University, West Lafayette, IN
QST	QST Environmental, Newberry, FL
QALA	Quality Analytical Laboratores, Inc., Montgomery, AL
QALC	Quality Analytical Laboratories, Inc., Redding, CA
QESJ	Quanterra - Research Triangle Park Lab., Raleigh, NC
QESN	Quanterra Environmental Services, Anchorage, AK
QESZ	Quanterra Environmental Services, Anchorage, AK
QESA	Quanterra Environmental Services, Arvada, CO
QUEST	Quanterra Environmental Services, Austin, TX
QESI	Quanterra Environmental Services, City of Industry, CA
QESG	Quanterra Environmental Services, Garden Grove,
QESK	Quanterra Environmental Services, Knoxville, TN
QESC	Quanterra Environmental Services, North Canton, OH
QESP	Quanterra Environmental Services, Pittsburg, PA
QESR	Quanterra Environmental Services, Richland, WA
QEES	Quanterra Environmental Services, Sacramento, CA
QES	Quanterra Environmental Services, Santa Ana, CA

QESL	Quanterra Environmental Services, St. Louis, MO
QESF	Quanterra Environmental Services, Tampa, FL
RECRA-EMI	RECRA Labnet - EMI, University Park, IL
RECRAP	RECRA Labnet, Lionville, PA
RFC	RFC
RFWS	Roy F. Weston, Stockton, CA
RFWC	Roy F. Weston, West Chester, PA
SLES	Savannah Laboratory and Environmental Services, Inc., Savannah, GA
SC3S	S-Cubed, A Division of Maxwell Laboratories, Inc., San Diego, CA
SWAA	Shannon & Wilson, Inc., Anchorage, AK
SAS	Sound Analytical Services, Inc., Tacoma, WA
SWLB	Southwest Laboratory of Oklahoma, Broken Arrow, OK
SWRI	Southwest Research Institute, San Antonio, TX
SMC	Specific Manufacturing Capability Laboratory, Idaho Falls, ID
SPEC	Spectra Laboratory, Inc., Tacoma, WA
TBE	Teledyne Brown Engineering, Westwood, NJ
TDEC	Tennessee Department of Environmental Conservation, TN
THEROR	Thermo Nutech, Oak Ridge, TN
TRID	Triangle Laboratories, Inc., Durham, NC
TVAE	TVA Environmental Chemistry Laboratory, Chattanooga, TN
TVAT	TVA Toxicological Analysis Laboratory, Chattanooga, TN
UMTL	University of Miami Tritium Lab, Miami, FL
UNKL	Unknown
WASTRN	Wastren Grand Junction, Grand Junction, CO
WETINC	Water & Environmental Testing, Inc., Orem, UT

Lab_Matrix_ID

Code	Description
A	Air
TA	Animal Tissue
AQ	Aqueous
GL	Headspace of Liquid Sample
LO	Organic Liquid
TP	Plant Tissue
SL	Sludge
SO	Soil
SD	Solid
SW	Swab or Wipe
W	Water

Lab_Qualifiers

Code	Description
A	EPA Flag (Organic) - TIC is a suspected aldol-condensation product
B	EPA Flag (Organic) - Analyte present in the blank and the sample EPA Flag (Inorganic) - reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
C	EPA Flag (Organic) - Pesticide result confirmed using GC/MS
D	EPA Flag (Organic) - Analytes analyzed at a secondary dilution.
E	EPA Flag (Organic) - Analyte exceeded the concentration range of the GC/MS. EPA Flag (Inorganic) - Reported value is estimated because of the presence of interference.
J	EPA Flag (Organic) - Estimated value
M	EPA Flag (Inorganic) - Duplicate injection precision not met.
N	EPA Flag (Organic) - Presumptive evidence of a compound EPA Flag (Inorganic) - Spiked sample recovery not within control limits.
P	EPA Flag (Organic) - > 25% D for detected concentrations between two columns
R	EPA Flag (Organic) - Data rejected
S	EPA Flag (Inorganic) - the reported value was determined by the Method of Standard Additions (MSA)
U	EPA Flag (Organic) - Compound was analyzed for, but was not detected. EPA Flag (Inorganic) - Compound was analyzed for, but was not detected.
W	EPA Flag (Inorganic) - Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is than 50% of spike absorbance
*	EPA Flag (Inorganic) - Duplicate Analysis not within control limits.
+	EPA Flag (Inorganic) - Correlation coefficient for the MSA is less than 0.955.

Matrix_ID

Code	Description
AQ	Air Quality Control Matrix
AX	Air Sample from Unknown Origin
AA	Ambient Air
TA	Animal Tissue
AU	Aqueous
SB	Bentonite
BI	Biota
BL	Blood
SP	Casing (PVC, Stainless Steel, Cast Iron, Iron Piping)
SC	Cement
CO	Core
DC	Drill Cuttings
AD	Drilling Air
LD	Drilling Fluid
WC	Drilling Water (Used for Well Construction)
WP	Drinking Water
WH	Equipment Wash Water (i.e., Water used for Washing)
WE	Estuary
FI	Filter
SF	Filter Sandpack
LT	Floating/Free Product in Tank
LF	Floating/Free Product on Groundwater Table
CF	Fly Ash Cinder
WG	Ground Water
GL	Headspace of Liquid Sample
GQ	Headspace or Gaseous Phase QC Matrix
GA	Identifiable non-air gas, or unidentifiable gas
WL	Leachate
LC	Liquid Condensate
LE	Liquid Emulsion
LV	Liquid from Vadose Zone
LH	Liquid Waste
SN	Miscellaneous Solid Materials - Building Materials
MX	Multiple Phase Sample from Unknown Origin
MH	Multiple Phase Waste
WO	Ocean Water
OI	Oil
LO	Organic Liquid
TP	Plant Tissue
SS	Scrapings
SE	Sediment (Associated with Surface Water)
SL	Sludge
SO	Soil
GS	Soil Gas
SX	Soil or Solid Sample of Unknown Origin
SQ	Soil/Solid Quality Control Matrix
SD	Solid
SH	Solid Waste
ST	Sorbents

WZ	Special Water Quality Control Matrix
WS	Surface Water
SW	Swab or Wipe
TX	Tissue from Unknown Origin
TQ	Tissue Quality Control Matrix
UR	Urine
GV	Vapor from Vapor Extraction System
WW	Waste Water
W	Water
SM	Water Filter (Solid Material used to Filter Water)
SR	Water Filter Residue (Solid Filtered Out)
WV	Water from Vadose Zone
WT	Water from Water Treatment System
WX	Water of Unknown Origin
WQ	Water Quality Control Matrix
WD	Well Development Water

Percent_Recovery_Limit_Type

Code	Description
ASA	Analytical Spike Accuracy
CLPA	Contract Laboratory Program Accuracy Limits for Spiked Samples
LIC	Laboratory Initial Calibration Accuracy
LSA	Laboratory Control Sample Accuracy
MEA	Method Established Accuracy for Spiked Samples
MSA	Matrix Spike Accuracy
SRAD	Standard Reference Accuracy Defined by Agency/Manufacturer

QC_Linkage

Code	Description
ANAL	Analysis Batch
CLEAN	Clean-up Batch
HANDLE	Handling Batch
PREP	Preparation Batch

QC_Precision_Limit_Type

Code	Definition
C	Client
L	Lab
M	Method

QC_Precision_Type

Code	Definition
APD	Absolute Percent Difference: Absolute value of the difference between two measured values as a percent of one of them.
PD	Percent Difference: The difference between two measured values as a percent of one of them.
PRSD	Percent Relative Standard Deviation: The standard deviation as a percentage of the mean.
RER	Relative Error Ratio: The absolute value of the difference of two values as a fraction of the square root of the sum of squares of their analytical errors. Used for sample-to-duplicate comparisons. Also known as Difference Uncertainty Ratio.
RPD	Relative Percent Difference: Absolute value of the difference of two values as a percent of their average.
SD	Standard Deviation: Standard deviation of a group of measured values.

Quantitation_Limit_Type

Code	Description
CRQL	Contract Required Quantitation Limit
EQL	Estimated Quantitation Limit
PQL	Practical Quantitation Limit
SQL	Sample Quantitation Limit

Reporting_Limit_Type

Code	Description
MRL	Method Reporting Limit

Result_Basis

Code	Description
N	Aqueous Sample
D	Dry
W	Wet

Result_Derivation	
Code	Description
AVE	Average
MSA	Method of Standard Addition
SMEAS	Single Measurement
SUM	Summation

Result_Type	
Code	Description
NONNUM	Non-numeric
QUAL	Qualitative
QUANT	Quantitative
SQUANT	Semi-quantitative

Result_Units

Code	Description
ACRE FT	Acre feet
ACRES	Acres
BARS	Bars
BTU/GAL	British Thermal Units per gallon
BTU/LB	British Thermal Units per pound
CM	Centimeters
CM/HR	Centimeters per hour
CM/SEC	Centimeters per second
CM/YR	Centimeters per year
CP	Centipoise
CST	Centistokes
COLF/100ML	Coliform bacteria per 100 milliliters
COLF/G	Coliform bacteria per gram
CFU/100ML	Colony Forming Units per 100 milliliters
CFU/G	Colony Forming Units per gram
CFU/ML	Colony Forming Units per milliliter
COLOR UNIT	Color unit
COUNT/L	Count per liter
FT3	Cubic feet
CFS	Cubic feet per second
FT3/YR	Cubic feet per year
DAY	Days
DEG	Degrees
DEG C	Degrees Celsius
DEG C/HR	Degrees Celsius per hour
DEG F	Degrees Fahrenheit
DOLLARS	Dollars
DPY	Drums per year
DYNES/CM	Dynes per centimeter
FT	Feet
FT MSL	Feet above mean sea level
FT/DAY	Feet per day
FT/IN	Feet per inch
FT/MIN	Feet per minute
FT/SEC	Feet per second
FT2/MIN	Feet squared per minute (for units of transmissivity)
FIBERS/L	Fibers per liter
FT CANDLES	Foot candles
GAL	Gallons
GPD	Gallons per day
GPD/FT	Gallons per day per foot
GPD/FT2	Gallons per day per foot squared
GAL/MIN	Gallons per minute
GPM/FT	Gallons per minute per foot
GPY	Gallons per year
G	Grams
G/CC	Grams per cubic centimeter
G/M3/DAY	Grams per cubic meter per day
G/G	Grams per gram

G/KG	Grams per kilogram
G/L	Grams per liter
G/ML	Grams per milliliter
G/M2/YR	Grams per square meter per year
HRS	Hours
HRS/DAY	Hours per day
IN	Inches
IN(HG)	Inches of mercury
IN/DAY	Inches per day
IN/FT	Inches per foot
IN/HR	Inches per hour
IN/IN	Inches per inch
IN/WK	Inches per week
JCU	Jackson Candle Units
JTU	Jackson Turbidity Units
KG/M3	Kilogram per meter cubed
KG/M3/S	Kilogram per meter cubed per second
KG/S	Kilogram per second
KG/1000GAL	Kilograms per 1000 gallons
KG/BATCH	Kilograms per batch
KG/DAY	Kilograms per day
KNOTS	Knots
LAIU	Langelier Index Units
L	Liter
M	Meter
M3 X 10(6)	Meter cubed (in millions)
M3/KG	Meter cubed per kilogram
M3/S	Meter cubed per second
M/S	Meter per second
M2	Meter squared
M2/S	Meter squared per second
UG	Micrograms
UG/100CM2	Micrograms per 100 square centimeters
UG/CM2	Micrograms per centimeter squared
UG/M3	Micrograms per cubic meter
UG/G	Micrograms per gram
UG/KG	Micrograms per kilogram
UG/L	Micrograms per liter
UG/ML	Micrograms per milliliter
UG/SAMPLE	Micrograms per total air sample taken
UG/WIPE	Micrograms per wipe
UG/YR	Micrograms per year
UMHOS/CM	Micromhos (UMHOS) per centimeter
UMOLES/G	Micromoles per gram
MS/CM	Microsiemens per centimeter
MILES	Miles
MPH	Miles per hour
MEQ/100G	Milliequivalents per 100 grams
MGDO/L	Milligrams dissolved oxygen per liter
MGCACO3/L	Milligrams of calcium carbonate per liter
MG/CM2	Milligrams per centimeter squared

MG/M3	Milligrams per cubic meter (PPBV)
MG/FLT	Milligrams per filter
MG/G	Milligrams per gram
MG/KG	Milligrams per kilogram
MG/L	Milligrams per liter
MG/M2/DAY	Milligrams per meter squared per day
MG/ML	Milligrams per milliliter
MG/M2	Milligrams per square meter
ML	Milliliter
ML/L	Milliliter per liter
MM	Millimeter
MM/M2/HR	Millimeter per meter squared per hour
MM/YR	Millimeter per year
MMHOS/CM	Millimhos (MMHOS) per centimeter
MILL FT3	Million feet cubed
MGAL	Million gallons
MGD	Millions of gallons per day
MGM	Millions of gallons per month
MGY	Millions of gallons per year
MILLIVOLTS	Millivolts
MIN	Minutes
MOL %	Mole percent
MON	Month
MPN/100ML	Most Probable Number per 100 milliliters
MPN/G	Most Probable Number per gram
NG	Nanogram
NG/CC	Nanogram per cubic centimeter
NG/M3	Nanogram per cubic meter
NG/KG	Nanogram per kilogram
NG/L	Nanogram per liter
NG/G	Nanograms per gram
NG/SAMPLE	Nanograms per sample
E	Natural logarithm
NAUT.MILE	Nautical mile
NTU	Nephelometric Turbidity Units
NONE	No unit of measure
DIGITS	Number of digits to the right of the decimal point
PPB	Parts per billion
PPBV	Parts per billion by volume
PPM	Parts per million
PPMV	Parts per million by volume
PPMC	Parts per million carbon
PPMB	Parts per million, benzene equivalent (for soil/gas)
PPMM	Parts per million, methane equivalent (for soil/gas)
PPQ	Parts per quadrillion
PPT	Parts per trillion
PPTV	Parts per trillion by volume
1/S	Per Second
PERCENT	Percent
%V/V	Percent by volume
PER WGT	Percent by weight

PER LOSS	Percent loss
PH UNITS	pH units
PCI/G	PicoCuries per gram
PCI/L	PicoCuries per liter
PG	Picogram
PG/G	Picogram per gram
PG/L	Picogram per liter
PG/KG	Picograms per kilogram
LB/BARREL	Pound per barrel
LBS	Pounds
PCF	Pounds per cubic foot
LBS/DAY	Pounds per day
LBS/MON	Pounds per month
PSF	Pounds per square foot
LB/IN2	Pounds per square inch
PSI	Pounds per square inch
LB/1000LB	Pounds per thousand pounds
LB/TON	Pounds per ton
LBS/YR	Pounds per year
RATIO	Result represents a ratio with no applicable units
S	Second
CM2/SEC	Square centimeters per second
FT2	Square feet
FT2/DAY	Square feet per day (cubic feet/day-foot)
IN2/FT	Square inches per foot
KM2	Square kilometers
MILE2	Square miles
T.O.N.	Threshold Odor Number
TONS/DAY	Tons per day
UPY	Units per year

Sample_Type

Code	Description
AS	Analytical Spike
BS	Blank Spike
BSD	Blank Spike Duplicate
CB	Calibration Blank
CS	Client Sample
RM	Known (External Reference Material)
LB	Lab Blank
LCS	Lab Control Sample
LCSD	Lab Control Sample Duplicate
LR	Lab Replicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NC	Non-Client Sample
PB	Preparation Blank
RS	Reagent Solvent

Uncertainty_Type

Code	Definition
1S	1 Sigma
2S	2 Sigma
PCT	Percentage

